

# Converting Colors

Hex(E0D21F)

Have a look what the booklet for  
Hex(E0D21F) contains.

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**Color**

**Hex(E0D21F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0D21F
RGB	224, 210, 31
RGB Percent	88%, 82%, 12%
CMY	0.1216, 0.1765, 0.8784
CMYK	0.00, 0.06, 0.86, 0.12
HSL	56°, 76%, 50%
HSV	56°, 86%, 88%
XYZ	54.0344, 62.0394, 10.4232
YIQ	193.7800, 65.8030, -52.7010

# Conversions

## Conversions Part 2

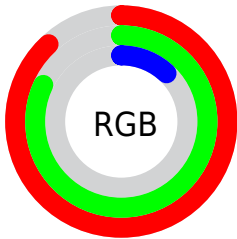
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 224, 31
Decimal	14733855
CIELab	82.93, -12.24, 79.09
CIELCh	83, 80.027, 98.796
Yxy	62.0394, 0.4272, 0.4904
Android (android.graphics.Color)	4292923935 (0xFFE0D21F)
YUV	193.7800, -80.2505, 26.5029
Hunter-Lab	78.7651, -15.3845, 47.2896

# Details

The Hex color **E0D21F** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **1F2DE0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFFF61**, and **A49C00** is the 20% darker color. If you saturate the color by 10%, you get **E0D009**, and if you desaturate by 10%, it is **E0D435**.

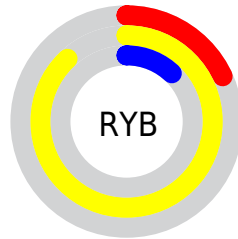
# Distribution



Red (88%)

Green (82%)

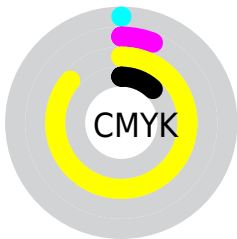
Blue (12%)



Red (18%)

Yellow (88%)

Blue (12%)

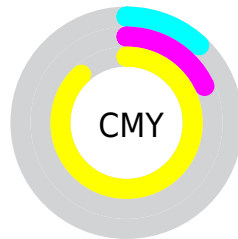


Cyan (0%)

Magenta (6%)

Yellow (86%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0D21F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color E0D21F by changing the saturation by 10% instead.



 E0D21F

 E0D21F

FFFFFF

 C2B700

 FFFF61

 A49C00

 FFFF7F

 878200

 FFFF9B

 6B6900

 FFFFB8

 4F5100

 FFFFD6

 343B00

 FFFFF3

 1B2500

 001200

 000000

 E0D21F

 E0D21F

 E0D009

 E0D435

 E0D000

 E0D54C

 E0D762

 E0D879

 E0DA8F

 E0DCA5

 E0DDBC

 E0DFD2

 E0E1E9

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFB739



E0D21F



8FE44F

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E0D21F



00F0FF



FF91FF

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



E0D21F



1F2DE0

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EEB1FF



E0D21F



00E5FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E0D21F



00F2E3



4BD0FF



FF85BB

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



E0D21F



31EC7C



4BD0FF



FF9AFF

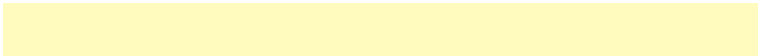


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



E0D21F



FFFABD



E01F2F



807D58



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



E0D21F



FFED00



90E01F



706F65



B0A300



302D00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



1F2DE0



0012FF



6F1FE0



656670



000DB0



000430



# Previews

## White Background



This preview shows how the Hex color E0D21F looks on a white background.

## Color Contrast Check

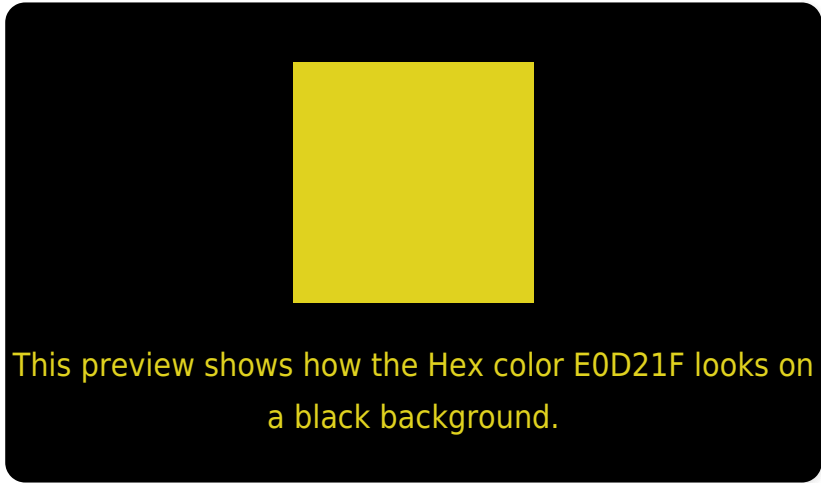
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E0D21F Background



This preview shows how black text looks on a background with the Hex color E0D21F.



This preview shows how white text looks on a background with the Hex color E0D21F.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



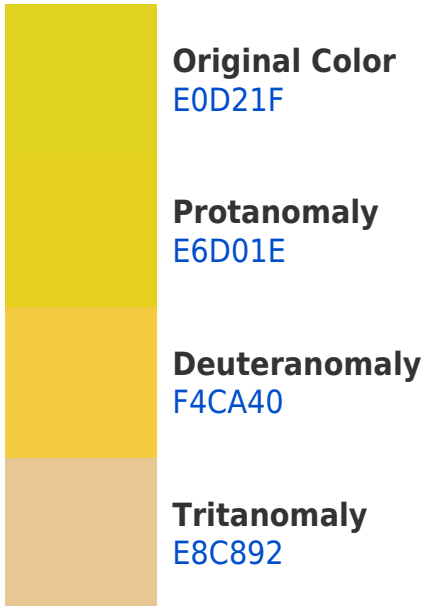
**Original Color**  
E0D21F

**Protanopia**  
E9CF1E

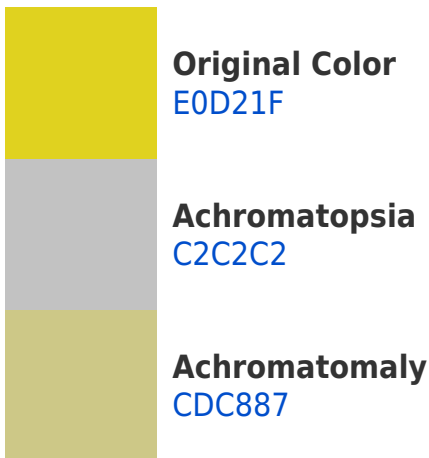
**Deuteranopia**  
FFC553



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0D21F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #E0D21F looks like.

```
.text, #text, p{  
    color:#E0D21F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #E0D21F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0D21F
}
```

## Border

The CSS property to change the border of an element to Hex E0D21F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E0D21F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#E0D21F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #E0D21F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0D21F; -webkit-box-shadow:4px 4px  
4px 4px #E0D21F; box-shadow:4px 4px 4px  
4px #E0D21F }
```

# Background

The CSS property to change the background color of an element to Hex E0D21F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0D21F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#E0D21F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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